

REMARKS

In a Notice to File Corrected Application Papers mailed October 19, 2001, page 31 was said to be missing. Page 31 contains claims 13-15. In response, Applicant has canceled claims 13-15 and added new claims 16-18.

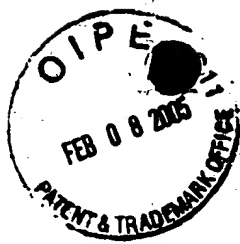
In the Notice to File Corrected Application Papers, the abstract was said to be missing. Applicant files herewith an abstract. No new matter has been added because the text of the abstract is substantially the same as the text in the first two paragraphs of the brief summary of the invention provided on pages 5-6.

Applicant respectfully submits that as amended, it is believed the application is complete. In the event that the Examiner believes a teleconference would facilitate prosecution, Applicant respectfully requests that Examiner contact the undersigned.

Respectfully submitted,



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providing a substrate;

forming a plurality of semiconductor layers on a surface of said substrate wherein one of said semiconductor layers comprises an active layer and another of said semiconductor layers comprises a current controlling layer said current controlling layer being penetrated by a plurality of non-conducting cavities;

forming an aperture region in said current controlling layer which controls current flowing through said active region, said aperture region being defined by a conductive region in said current controlling layer bordered by non-conductive regions in said current controlling layer and a cavity adjacent to said aperture region to induce an asymmetry on said active region so as to produce light polarized in a preferred direction, and wherein each of said non-conductive regions surrounds at least one of said plurality of non-conducting cavities; and

forming first and second electrodes located on said laser device to enable biasing of said active region.

14. The method of Claim 13 wherein said surface of said substrate is misoriented with respect to the {100} and {111} planes of said substrate resulting in directions of maximum gain and wherein said directions of maximum gain are substantially aligned with said preferred direction.

15. The method of Claim 13 wherein said cavity is filled with a filler material having a first thermal coefficient of expansion different from a second thermal coefficient of expansion of said substrate.

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